

### **REMARKS**

Claims 1-7, 9-17 and 19-20 are pending. The foregoing amendment amends Claims 1, 4, 11, 14-17 and 19.

#### **Objections to the Drawings**

The Examiner objected to the drawings because of an error in the numbering of the drawings. The attached replacement sheets correct the error in the numbering of the drawings.

#### **Objections to the Specification**

The Examiner objected to the specification alleging certain informalities. The foregoing amendment amends the specification to address the Examiner's objection. The Examiner's objection to page 24, line 27 is moot in view of the replacement drawings.

#### **Objections to the Claims**

The Examiner objected to Claims 1 and 11 for certain informalities. The foregoing amendment amends Claims 1 and 11 to address the Examiner's objection.

#### **Rejection under § 112, First Paragraph**

The Examiner rejected Claims 1-7, 9-17 and 19-20 under 35 U.S.C. § 112, first paragraph and alleged that the claims contain subject matter which was not described in the specification. With respect to Claims 1 and 11, these claims have been amended to clarify that the skinning data calculation calculates a profile of the skin component based on coordinates of the bone component, which is supported by the specification. *See e.g.* specification page 21, lines 10-19. With respect to Claims 4 and 14, these claims have been amended to clarify that the position of the object provides a hierarchical representation of the information, which is support by the specification. *See e.g.* specification page 15, lines 17-22. The remaining claims were rejected based upon their dependence from Claims 1 or 11.

### **Rejection under § 112, Second Paragraph**

The Examiner rejected Claims 1-7, 9-17 and 19-20 under 35 U.S.C. § 112, second paragraph as being indefinite. Claims 1 and 11 have been amended to clarify the skinning data calculation and it is submitted that this rejection is now moot.

### **Rejection under 103(a)**

The Examiner rejected Claims 1, 2, 4, 5, 11, 12, 14 and 15 under 35 U.S.C. § 103(a) as being unpatentable over U.S. Pub. No. 2003/0117402 to Hubrecht et al. ("Hubrecht") in view of U.S. Pub. No. 2003/0020718 to Marshall et al. ("Marshall"). In rejecting Claim 1, the Examiner admitted that Hubrecht does not describe a skin component which deforms with motion and a bone component which does not deform with motion, but alleged that Marshall teaches these elements.

The skin component and the bone component recited by Claim 1 are distinguishable from the bone data and the polygons described by Marshall. Figure 15 of the specification (original Fig. 13) illustrates skin components as shaded components 101a, 101b and 101c and bone components as un-shaded components 102a and 102b. When the model's arm moves, the shape of the skin components 101a, 101b and 101c is altered, but the shape of the bone components 102a and 102b is not altered even though the position of the bone components may change. See page 19 of the specification. In contrast, Marshall describes bone data that corresponds to the bones of a living being (paragraph [0009]) and polygons that surround the bones (paragraph [0002]). Thus, it is submitted that the Marshall does not describe the skin components and bone components recited by Claim 1.

### **INTERVIEW SUMMARY**

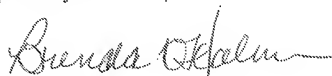
A telephone interview was conducted on August 29, 2006 between the Examiner and the undersigned. A proposed amendment to Claim 1, as well as the differences between the

recited skin and bone components of Claim 1 and the skeletal bones and polygons described by Marshall were discussed. No agreement was reached during the interview.

### CONCLUSION

In light of the foregoing, it is submitted that the application is in condition for allowance. The Examiner is invited to call the undersigned at 404/685-6799 if there are any issues that can be addressed by a telephone conversation.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Brenda O. Holmes", with a long horizontal flourish extending to the right.

By: Brenda O. Holmes  
Reg. No. 40,339

KILPATRICK STOCKTON LLP  
1100 Peachtree Street, Suite 2800  
Atlanta, Georgia 30309-4530  
Telephone: (404) 815-6500  
Facsimile: (404) 815-6555